

# PATENT ABSTRACTS OF JAPAN

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## (54) RADIO COMMUNICATION SYSTEM

### (57)Abstract:

PROBLEM TO BE SOLVED: To recover a communication error caused by fading or interruption of a radio wave or the like efficiently.

SOLUTION: A communication error detection means 1 of the radio communication system detects a packet causing a communication error and allows a re-transmission means 4 to send the packet after a prescribed time set in a re-transmission timing setting means 3. When the communication error cannot be recovered even after repeating the re-transmission 4, a re-transmission stop timing setting means 5 and a re-transmission stop timing detection means 6 cooperate with each other to stop the re-transmission. A same packet is repetitively and continuously sent in advance and when a receiver side selects a packet without a communication error among 2nd and succeeding packets, a probability of recovering the communication error before the re-transmission is enhanced.

